#6

SEQUENCE LISTING

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<120> ORGAN TRANSPLANT SOLUTIONS CONTAINING CONJUGATES OF SOLUBLE PEPTIDIC COMPOUNDS WITH MEMBRANE-BINDING

<130> 37945-0024

<140> US 09/936,205
<141> 2001-09-10

<150> PCT/GB00/00834
<151> 2000-03-08

<150> GB 9905503.0
<151> 1999-03-10

<160> 11

<170> PatentIn Ver. 2.1

<210> 1
<211> 215
<212> PRT
<213> Artificial Sequence

<220>
<223> Linear, 2 polypeptide chains disulphide linked

<220>
<221> DISULFID
<222> (198)..(199)

<220>
<223> 2nd polypeptide chain (199-215) runs C to N terminus

<220>
<223> An N-myristoyl group is at the N-terminus of the second polypeptide chain

<220>
<223> A CONH2 group is at the C terminus of the second polypeptide chain

<220>
<223> Description of Artificial Sequence: Synthetic peptide reagent

<400> 1

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Met Gln Cys Asn Ala Pro Glu Trp Leu Pro Phe Ala Arg Pro Thr Asn
  1               5                  10                  15

Leu Thr Asp Glu Phe Glu Phe Pro Ile Gly Thr Tyr Leu Asn Tyr Glu
             20                  25                  30
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Cys Arg Pro Gly Tyr Ser Gly Arg Pro Phe Ser Ile Ile Cys Leu Lys
        35   40   45

Asn Ser Val Trp Thr Gly Ala Lys Asp Arg Cys Arg Arg Lys Ser Cys
    50   55   60

Arg Asn Pro Pro Asp Pro Val Asn Gly Met Val His Val Ile Lys Gly
65   70   75   80

Ile Gln Phe Gly Ser Gln Ile Lys Tyr Ser Cys Thr Lys Gly Tyr Arg
                85   90   95

Leu Ile Gly Ser Ser Ser Ala Thr Cys Ile Ile Ser Gly Asp Thr Val
            100   105   110

Ile Trp Asp Asn Glu Thr Pro Ile Cys Asp Arg Ile Pro Cys Gly Leu
        115   120   125

Pro Pro Thr Ile Thr Asn Gly Asp Phe Ile Ser Thr Asn Arg Glu Asn
    130   135   140

Phe His Tyr Gly Ser Val Val Thr Tyr Arg Cys Asn Pro Gly Ser Gly
145   150   155   160

Gly Arg Lys Val Phe Glu Leu Val Gly Glu Pro Ser Ile Tyr Cys Thr
                165   170   175

Ser Asn Asp Asp Gln Val Gly Ile Trp Ser Gly Pro Ala Pro Gln Cys
            180   185   190

Ile Ile Pro Asn Lys Cys Cys Asp Gly Pro Lys Lys Lys Lys Lys Lys
        195   200   205

Ser Pro Ser Lys Ser Ser Gly
    210   215

<210> 2
<211> 218
<212> PRT
<213> Artificial Sequence

<220>
<223> 2 polypeptide chains disulphide linked

<220>
<221> DISULFID
<222> (198)..(199)

<220>
<223> The second polypeptide chain (199-218) runs C to N terminus

<220>
<223> An N-Myristoyl group is at the N terminus of the second polypeptide chain

<220>
<223> A CONH2 group is at the C terminus of the second polypeptide chain

<220>
<223> Description of Artificial Sequence: Synthetic peptide reagent

<400> 2
Met Gln Cys Asn Ala Pro Glu Trp Leu Pro Phe Ala Arg Pro Thr Asn
1 5 10 15

Leu Thr Asp Glu Phe Glu Phe Pro Ile Gly Thr Tyr Leu Asn Tyr Glu
20 25 30

Cys Arg Pro Gly Tyr Ser Gly Arg Pro Phe Ser Ile Ile Cys Leu Lys
35 40 45

Asn Ser Val Trp Thr Gly Ala Lys Asp Arg Cys Arg Arg Lys Ser Cys
50 55 60

Arg Asn Pro Pro Asp Pro Val Asn Gly Met Val His Val Ile Lys Gly
65 70 75 80

Ile Gln Phe Gly Ser Gln Ile Lys Tyr Ser Cys Thr Lys Gly Tyr Arg
85 90 95

Leu Ile Gly Ser Ser Ser Ala Thr Cys Ile Ile Ser Gly Asp Thr Val
100 105 110

Ile Trp Asp Asn Glu Thr Pro Ile Cys Asp Arg Ile Pro Cys Gly Leu
115 120 125

Pro Pro Thr Ile Thr Asn Gly Asp Phe Ile Ser Thr Asn Arg Glu Asn
130 135 140

Phe His Tyr Gly Ser Val Val Thr Tyr Arg Cys Asn Pro Gly Ser Gly
145 150 155 160

Gly Arg Lys Val Phe Glu Leu Val Gly Glu Pro Ser Ile Tyr Cys Thr
165 170 175

Ser Asn Asp Asp Gln Val Gly Ile Trp Ser Gly Pro Ala Pro Gln Cys
180 185 190

Ile Ile Pro Asn Lys Cys Cys Ala Asp Leu Arg Ser Ser Leu Gly Pro
195 200 205

Lys Lys Lys Lys Lys Lys Ser Pro Ser Gly
210 215

<210> 3
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> An N-myristoyl group is at the N terminus of the polypeptide chain

<220>
<223> A CONH2 group is at the C-terminus of the polypeptide chain

<220>
<223> An S-2-Thiopyridyl group is attached to the
C-terminal cysteine

<220>
<223> Description of Artificial Sequence: Synthetic
peptide reagent

<400> 3
Gly Ser Pro Ser Lys Lys Lys Lys Lys Lys Pro Gly Leu Ser Ser Arg
1 5 10 15

Leu Asp Ala Cys
20

<210> 4
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> A CONH2 group is at the C terminus

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 4
Gly Ser Pro Ser Lys Lys Lys Lys Lys Lys Pro Gly Leu Ser Ser Arg
1 5 10 15

Leu Asp Ala Cys
20

<210> 5
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: A peptidic
membrane binding element of SEQ ID NO: 4

<400> 5
Pro Ser Lys Lys Lys Lys Lys Lys Pro
1 5

<210> 6
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: A peptidic
membrane binding element of SEQ ID NO: 4

<400> 6
Leu Ser Ser Arg Leu Asp Ala
1 5

<210> 7
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Example of electrostatic switch sequence

<400> 7
Asp Gly Pro Lys Lys Lys Lys Lys Lys Ser Pro Ser Lys Ser Ser Gly
1 5 10 15

<210> 8
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Example of electrostatic switch sequence

<400> 8
Gly Ser Ser Lys Ser Pro Ser Lys Lys Lys Lys Lys Lys Pro Gly Asp
1 5 10 15

<210> 9
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Example of electrostatic switch sequence

<400> 9
Ser Pro Ser Asn Glu Thr Pro Lys Lys Lys Lys Lys Arg Phe Ser Phe
1 5 10 15

Lys Lys Ser Gly
20

<210> 10
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Example of electrostatic switch sequence

<400> 10
Asp Gly Pro Lys Lys Lys Lys Lys Lys Ser Pro Ser Lys Ser Ser Lys
1 5 10 15

<210> 11
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Example of electrostatic switch sequence

<400> 11
Ser Lys Asp Gly Lys Lys Lys Lys Lys Lys Ser Lys Thr Lys
1 5 10